

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims.

1. (Currently amended) A method for change data capture, comprising the steps of:
executing a database statement to copying ~~from~~ a recovery log that contains change data
for all transactions performed from a source object in a first system to a ~~source~~ target object in a
second system, ~~change data for at least one transaction that has been performed at the~~
~~source object;~~ and storing the recovery log that contains the change data; obtaining at
least some of the change data from the recovery log based in part on a column in the
recovery log that holds data representing when a transaction has been committed and
inserting the at least some change data into a plurality of change tables in the second
system in a single transaction, where each change table includes a column corresponding
to the column in the recovery log for the at least one transaction that has been performed
to a source object log in a database object having at least one control column other than
the source object, wherein the database object includes a change table.
2. (Canceled)
3. (Previously presented) A method according to claim 1, further comprising the step of:
renaming a column heading for a source column of the source object and providing the
renamed column heading for the source column as a column heading in a change column
of the database object.

4. (Previously presented) A method according to claim 1, further comprising: generating the database statement to store the change data in the database object.

5. (Previously presented) A method according to claim 1, further comprising the step of: shipping change data from the recovery log of an on-line transaction processing (OLTP) system to a staging system.

6. (Currently Amended) A computer-readable storage medium bearing storing instructions for change data capture, said instructions arranged, when executed, to cause one or more processors to perform the steps of executing a database statement to ~~from~~ a recovery log that contains change data for all transactions performed from a source object in a first system to a ~~source~~ object in a second system, ~~change data for at least one transaction that has been performed to a source object;~~ and storing the recovery log that contains the change data; obtaining at least some of the change data from the recovery log based in part on a column in the recovery log that holds data representing when a transaction has been committed and inserting the at least some change data into a plurality of change tables in the second system in a single transaction, where each change table includes a column corresponding to the column in the recovery log for the at least one transaction that has been performed to a source object log in a database object having at least one control column other than the source object, wherein the database object includes a change table.

7. (Currently Amended) A method of change data capture, comprising the steps of:
shipping change data for at least one transaction that has been performed on an on-line transaction processing (OLTP) system from a recovery log that contains change data for all transactions performed to the on-line transaction processing (OLTP) system to a staging system; and

at the staging system, performing the steps of:

copying ~~change data from~~ the recovery log from the on-line transaction processing (OLTP) system; and

storing ~~the change data from~~ the recovery log in a database object having at least one control column, ~~said change data indicating at least one modification that has been performed to a source object;~~

obtaining change data from the recovery log stored in the first object based in-part on a column in the recovery log that holds data representing when a transaction has been committed; and

inserting the change data into a plurality of change tables in a second database, where the change data is inserted into each of the plurality of change tables in a single transaction, each change table in the plurality of change tables having a column corresponding to the column in the recovery log, said change data representing modifications that has been performed to a plurality of source tables of the on-line transaction processing (OLTP) system and that correspond to the change tables in the second database.

8. (Currently Amended) A method of change data capture, comprising the steps of:

shipping change data for at least one transaction that has been performed on an on-line transaction processing (OLTP) system from a recovery log that contains change data for all transactions performed to the on-line transaction processing (OLTP) system to a staging system; and

at the staging system, performing the steps of:

registering the recovery log with a log viewer;

generating a SQL statement to extract the change data from the recovery log; and

executing the SQL statement, thereby copying the recovery log from the on-line transaction processing (OLTP) system;

storing the recovery log in a database object having at least one control column;

obtaining change data from the recovery log stored in the first object based in-part on a column in the recovery log that holds data representing when a transaction has been committed; and

inserting the change data into a plurality of change tables in a second database, where the change data is inserted into each of the plurality of change tables in a single transaction, each change table in the plurality of change tables having a column correspond in to the column in the recovery log, said change data represent in modifications that has been performed to a plurality of source tables of the on-line transaction processing (OLTP) system and that correspond to the change tables in the second database

extracting the change data from the recovery log via the log viewer and storing the change data from the recovery log in a change table,

~~said change data indicating at least one modification that has been made to a source object.~~

9. (Previously presented) A method according to claim 8, further comprising the step of: at the staging system, renaming a column heading for a source column of the source object and providing the renamed column heading for the source column as a column heading in a change column of the database object.

10. (Original) A method according to claim 8, wherein the on-line transaction processing (OLTP) system and the staging system are provided by different database vendors employing a different, incompatible internal implementation.